CRF Errors Corrected by the STIC Systems Branch

ENTERED

Serial Number: 09/909,348

CRF Processing Date: 9/9/2001
Edited by: _____
Verified by: _____ (STIC staff)

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:
_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:
_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:
_____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as_____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:
_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:
_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☑ Other _log 4-mail 22237 response dy_____
_____
_____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING   DATE: 09/09/2001
PATENT APPLICATION: US/09/909,348   TIME: 18:07:34   #2

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\09072001\I909348.raw

```
 4 <110> APPLICANT: Carney, Darrell H.
 5       Crowther, Roger S.
 6       Stiernberg, Janet
 7       Bergmann, John
 9 <120> TITLE OF INVENTION: Stimulation Of Cartilage Growth With Agonists
10       Of The Non-Proteolytically Activated Thrombin Receptor
12 <130> FILE REFERENCE: 3033.1003-001
```
C--> `14 <140> CURRENT APPLICATION NUMBER: US/09/909,348`
C--> `14 <141> CURRENT FILING DATE: 2001-07-19`
```
14 <150> PRIOR APPLICATION NUMBER: US 60/219,800
15 <151> PRIOR FILING DATE: 2000-07-20
17 <160> NUMBER OF SEQ ID NOS: 5
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 10
23 <212> TYPE: PRT
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Peptide fragment of Thrombin
29 <400> SEQUENCE: 1
30 Cys Glu Gly Asp Ser Gly Gly Pro Phe Val
31  1               5                   10
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 10
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Peptide fragment of Thrombin
42 <221> NAME/KEY: VARIANT
43 <222> LOCATION: (1)...(10)
44 <223> OTHER INFORMATION: Xaa at position two is Glu or Gln
45       Xaa at position nine is Phe, Met, Leu, His or Val
47 <400> SEQUENCE: 2
```
W--> `48 Cys Xaa Gly Asp Ser Gly Gly Pro Xaa Val`
```
49  1               5                   10
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 4
62 <212> TYPE: PRT
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Peptide fragment of Thrombin
68 <400> SEQUENCE: 3
69 Arg Gly Asp Ala
70  1
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 14
75 <212> TYPE: PRT
```

RAW SEQUENCE LISTING   DATE: 09/09/2001
PATENT APPLICATION: US/09/909,348   TIME: 18:07:34

              Input Set : A:\PTO.AMC.txt
              Output Set: N:\CRF3\09072001\I909348.raw

```
 76 <213> ORGANISM: Artificial Sequence
 78 <220> FEATURE:
 79 <223> OTHER INFORMATION: Peptide fragment of Thrombin
 81 <221> NAME/KEY: VARIANT
 82 <222> LOCATION: (1)...(14)
 83 <223> OTHER INFORMATION: Xaa at position six is Glu or Gln
 84       Xaa at position thirteen is Phe, Met, Leu, His or Val
 86 <400> SEQUENCE: 4
W--> 87 Arg Gly Asp Ala Cys Xaa Gly Asp Ser Gly Gly Pro Xaa Val
 88  1               5                   10
 91 <210> SEQ ID NO: 5
 92 <211> LENGTH: 25
 93 <212> TYPE: PRT
 94 <213> ORGANISM: Artificial Sequence
 96 <220> FEATURE:
 97 <223> OTHER INFORMATION: Peptide fragment of Thrombin
 99 <400> SEQUENCE: 5
100 Ala Gly Thr Arg Tyr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys
101  1               5                   10                  15
102 Glu Gly Asp Ser Gly Gly Pro Phe Val
103             20            25
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/909,348

DATE: 09/09/2001
TIME: 18:07:35

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\09072001\I909348.raw**

```
L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:87 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
```

OIPE

```
RAW SEQUENCE LISTING              DATE: 08/01/2001
PATENT APPLICATION:  US/09/909,348   TIME: 17:11:38

        Input Set : A:\30331003-001.txt
        Output Set: N:\CRF3\08012001\I909348.raw
```

Does Not Comply
Corrected Diskette Needed

```
     4 <110> APPLICANT: Carney, Darrell H.
     5        Crowther, Roger S.
     6        Stiernberg, Janet
     7        Bergmann, John
     9 <120> TITLE OF INVENTION: Stimulation Of Cartilage Growth With Agonists
    10        Of The Non-Proteolytically Activated Thrombin Receptor
    12 <130> FILE REFERENCE: 3033.1003-001
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/909,348
C--> 14 <141> CURRENT FILING DATE: 2001-07-19
    14 <150> PRIOR APPLICATION NUMBER: US 60/219,800
    15 <151> PRIOR FILING DATE: 2000-07-20
    17 <160> NUMBER OF SEQ ID NOS: 5
    19 <170> SOFTWARE: FastSEQ for Windows Version 4.0


ERRORED SEQUENCES

    73 <210> SEQ ID NO: 4
    74 <211> LENGTH: 14
    75 <212> TYPE: PRT
    76 <213> ORGANISM: Artificial Sequence
    78 <220> FEATURE:
    79 <223> OTHER INFORMATION: Peptide fragment of Thrombin
    81 <221> NAME/KEY: VARIANT
    82 <222> LOCATION: (1)...(14)
    83 <223> OTHER INFORMATION: Xaa at position six is Glu or Gln
    84        Xaa at position thirteen is Phe, Met, Leu, His or
E--> 85        Val
W--> 87 <210> SEQ ID NO:
W--> 87 <211> LENGTH:
W--> 87 <212> TYPE:
W--> 87 <213> ORGANISM:
    87 <400> SEQUENCE: 4
E--> 88 Arg Gly Asp Ala Cys Xaa Gly Asp Ser Gly Gly Pro Xaa Val
    89 1               5                   10
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/909,348

DATE: 08/01/2001
TIME: 17:11:39

Input Set : **A:\30331003-001.txt**
Output Set: **N:\CRF3\08012001\I909348.raw**

```
L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:85 M:252 E: No. of Seq. differs, <211>LENGTH:Input:14 Found:1 SEQ:4
L:87 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:87 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:87 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:87 M:282 W: Numeric Field Identifier Missing, <213> is required.
```